

### STANDARD FEATURES:

- ✓ Reverse Osmosis membrane
- ✓ Powder-coated steel frame
- ✓ Stainless steel multi-stage pump
- ✓ Stainless steel membrane vessel
- ✓ Liquid-filled high pressure gauge and inlet/outlet pre-filter gauges
- ✓ Feed water inlet solenoid valve
- ✓ Adjstbl. Waste/Recycle s.s. needle valves
- ✓ Product/Waste flow meters
- ✓ 20" 5 micron BB pre-filter
- ✓ Throttle valve standard for models: WM140S and WM240S

### STANDARD ELECTRICAL CONTROLS :

- ✓ 4-line LCD display
- ✓ Keypad
- ✓ Menu system
- ✓ Temperature display
- ✓ TDS monitor with probe
- ✓ Tank full
- ✓ Low pressure
- ✓ Hour meter
- ✓ Time delay start
- ✓ System On/Off
- ✓ Dual-level float switch
- ✓ Fully-fused



### Optional FEATURES:

- ▶ Nanofiltration membrane (Removes 98% hardness, up to 85% TDS, high recovery rate)
- ▶ Auto hourly flush
- ▶ Blending valve
- ▶ Throttle valve
- ▶ Electrical outlet on frame for anti-scalant pump.
- ▶ Recycle flow meter
- ▶ 3phase motor w/IEC
- ▶ 50hz motor
- ▶ Feed water TDS monitor
- ▶ Pre-treatment lock-out
- ▶ Product diversion
- ▶ Permeate purge
- ▶ Hi-pressure cut-off

MODEL	*GPD	Feed TDS		Membrane 4" x 40" Qty.	motor	Operating pressure	110v- 60hz AMPS	220v- 60hz-1ph AMPS	RECOVERY RATE %	PIPING			DIMENSIONS weight lbs.
		2,000 BELOW	2,000 ABOVE							inlet	waste	prod	
<b>WM140S</b> <b>WM140</b>	<b>1,800+</b> <b>1,600+</b>	●	●	<b>1</b>	<b>.75hp</b> <b>1.5hp</b>	<b>150psi</b> <b>200psi</b>	<b>11.6</b> <b>20.0</b>	<b>5.8</b> <b>10.4</b>	<b>50-70</b>	3/4"	1/2"	1/2"	36"x 15"x 58"H 130 lbs.
<b>WM240S</b> <b>WM240</b>	<b>3,600+</b> <b>3,170+</b>	●	●	<b>2</b>	<b>.75hp</b> <b>1.5hp</b>	<b>150psi</b> <b>200psi</b>	<b>11.6</b> <b>20.0</b>	<b>5.8</b> <b>10.4</b>	<b>50-70</b>	3/4"	1/2"	1/2"	36"x 15"x 58"H 156 lbs.
<b>WM340S</b> <b>WM340</b>	<b>5,400+</b> <b>4,750+</b>	●	●	<b>3</b>	<b>.75hp</b> <b>1.5hp</b>	<b>150psi</b> <b>200psi</b>	<b>11.6</b> <b>20.0</b>	<b>5.8</b> <b>10.4</b>	<b>50-70</b>	3/4"	1/2"	1/2"	36"x 15"x 58"H 184 lbs.

\*FEED WATER PARAMETERS ♦Temperature 85° F maximum ♦Pressure 40 - 80 psi maximum ♦TDS 2000-5000ppm (consult Dealer for specific model). ♦Iron tolerance 0.5 ppm maximum ♦Hydrogen sulfide must be removed ♦Silica tolerance can not be higher than 100 ppm in the concentrate stream. Antiscalant should be considered for any levels over 75 ppm. ♦Turbidity should be removed ♦Hardness must be removed.

OPERATING PARAMETERS: ♦Operating pressure range from 150—200 psi maximum ♦Water recovery up to 70% and is field adjusted by customer. It is not recommended that the recovery be set higher than 70%. ♦pH range 3 - 11 ♦Flow rates are determined by the membrane mfg's testing criteria of 1500 ppm NaCl solution, 77°F water temperature, 225 psi at 10-15% recovery. Typical membrane salt rejection is 95—99%.

\*Actual flow rates vary depending on the pre-treatment used, water conditions, feed water temperature, applied pressure and membrane type. Review of feed water analysis report will determine system design and estimated production rate.

Manufactured by:

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